Index of Claims

| App | licatio | n/Con | trol No. |
|-----|---------|-------|----------|
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10/629,919

Examiner Leonard S. Liang Applicant(s)/Patent under Reexamination

HAYASAKI, KIMIYUKI

Art Unit

2853

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cl          | aim      | Date            |          |          |          |          |                 | Claim Date |          |          |          |          |  |          |          |          |        |          | Cla          | im        | Date     |                |          |                |          |          |          |          |          |                |          |               |
|-------------|----------|-----------------|----------|----------|----------|----------|-----------------|------------|----------|----------|----------|----------|--|----------|----------|----------|--------|----------|--------------|-----------|----------|----------------|----------|----------------|----------|----------|----------|----------|----------|----------------|----------|---------------|
| J.,         | i        |                 |          |          |          |          |                 |            |          |          |          |          | -  | Ť        |          | Т        | Т      | П        | Ť            |           | $\neg$   | $\top$         | $\neg$   | _              |          |          |          |          |          |                |          |               |
| Final       | Original | 4/13/07         |          |          |          |          |                 |            |          |          | Final    | Original |  |          |          |          |        |          |              |           | II.      |                | Original |                |          |          |          |          |          |                |          |               |
|             |          | _               | $\dashv$ | -        | $\dashv$ |          |                 | _          | $\dashv$ | _        | -        |          | <del> </del>                                     | +        |          | +        | +      | +        | $\vdash$     |           | -        | -+             | 101      |                | 4        | 4        | $\dashv$ | -        | $\dashv$ | $\dashv$       |          |               |
|             | 2        | y               | $\dashv$ | $\dashv$ | $\dashv$ |          |                 |            |          |          |          | 51<br>52 | -  | $\dashv$ | -        | +        | -      | +-       |              | -         | $\vdash$ | $\dashv$       | 102      | -              | $\dashv$ | ᅪ        |          |          | $\dashv$ | $\dashv$       |          |               |
|             | 3        | V               | -        | $\dashv$ | -        |          | $\dashv$        |            |          |          |          | 53       | <del></del> -                                    | +        | +        | +        | +      |          | Н            | -         | $\vdash$ | $\dashv$       | 103      | +              | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -              | $\dashv$ |               |
|             | X        | V               | $\dashv$ | $\dashv$ | -        |          | $\vdash$        | _          |          |          |          | 54       | ╁┼   | +        | +        | +        | +      |          | $\vdash$     | -         | $\vdash$ | -              | 104      | +              | $\dashv$ |          | -        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ |               |
| -           | 5        | 1./             | $\dashv$ | $\dashv$ |          | -        | -               |            |          | $\neg$   |          | 55       | $\vdash$   | $\dashv$ | +        | +        | +      | +        | ╁            |           | -        | ┰              | 105      | $\dashv$       |          | -        |          |          | -        | -              | $\dashv$ |               |
| -           |          | V.              | $\dashv$ | $\dashv$ | -        |          |                 | $\dashv$   |          |          | ļ        | 56       |  | +        | +        | +        | +      |          | $\vdash$     | $\dashv$  | -        | $\dashv$       | 106      | +              | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ | _             |
| -           | 6        | V               |          |          |          |          |                 | _          |          | $\dashv$ | -        | 57       | $\vdash$   | -        |          | +        | +      | +        | $\vdash$     | $\dashv$  | -        | $\dashv$       | 107      | +              | +        | $\dashv$ | -        | $\dashv$ | $\dashv$ |                | $\dashv$ | _             |
| <u> </u>    | 8        | V               | $\dashv$ | $\dashv$ | -        |          | Н               | _          | -        | $\dashv$ | -        | 58       |  | $\dashv$ |          | +        | +      |          | $\vdash$     | H         | $\vdash$ | +              | 108      | +              | +        | $\dashv$ | $\dashv$ | $\dashv$ | . 1      | $\dashv$       | $\dashv$ | _             |
| $\vdash$    | 3        | $\vdash$        |          | $\dashv$ |          | -        |                 |            | -        | $\dashv$ | -        | 59       |  |          |          | +        | +      | +-       | $\vdash$     | $\vdash$  | -        | -+             | 109      | -+             | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$       | $\dashv$ | _             |
|             | 10       | H               | $\dashv$ | $\dashv$ |          | -        |                 |            |          |          |          | 60       | $\vdash$   | $\dashv$ |          | +        |        | +-       | +-           | $\vdash$  |          | +              | 110      | -+             | $\dashv$ |          | -        |          | $\dashv$ | $\dashv$       | -        | _             |
| -           | 11       | $\vdash$        | $\dashv$ |          |          |          |                 |            | $\dashv$ | $\dashv$ |          | 61       | $\vdash$   | ╁        |          | -        | +      |          | ╁╌           | $\vdash$  | -        | ┅╅             | 111      | +              | $\dashv$ | -        | -        | -        | $\dashv$ | $\dashv$       | $\dashv$ | _             |
|             | 12       | $\vdash$        | $\dashv$ | +        | $\dashv$ |          |                 | _          | -        | $\dashv$ |          | 62       | $\vdash$   | $\dashv$ | -1-      |          |        |          | +            |           |          |                | 112      | +              | $\dashv$ | 寸        | $\dashv$ | $\dashv$ | $\dashv$ | ┰              | $\dashv$ |               |
| -           | 13       | $\vdash$        | $\dashv$ | $\dashv$ |          |          | -               |            |          |          |          | 63       | $\vdash$   | $\dashv$ | $\dashv$ | +        | 十      | +        | ╁╌┤          | -         |          |                | 113      | $\dashv$       | $\dashv$ | +        | -        | $\dashv$ |          | $\dashv$       | $\dashv$ |               |
|             | 14       | ╁╌╍╁            |          | -+       |          |          | $\vdash$        | -          | $\dashv$ |          | -        | 64       | ╁╼╌┼╴  | $\dashv$ | $\dashv$ | +        | +      | +        | $\vdash$     | Н         | $\vdash$ | <b>-</b>       | 114      | +              | $\dashv$ |          |          |          |          | -+             | -        | _             |
|             | 15       | ╁╌┤             | -        | $\dashv$ |          |          |                 |            | $\dashv$ | -        | -        | 65       | $\vdash$   | -        |          | +        | +      | +        |              | $\vdash$  | $\vdash$ | <del>-</del> † | 115      | +              | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | -              | -+       |               |
| -           | 16       | H               | -        | -        |          |          | -               | -          |          | -        | -        | 66       | $\vdash$   | $\dashv$ |          | - -      | +      | +-       | -            | H         | -        | +              | 116      | $\dashv$       | $\dashv$ | +        | -        | -        | $\dashv$ | -              |          |               |
| <del></del> | 11       | ╂─┤             | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\vdash$        |            |          | -        | -        | 67       | ┼╌┼  | -        | -        | +        | +      | +        | $\vdash$     | H         | -        | $\dashv$       | 117      | -+             | -+       | -        |          | -        |          | $\dashv$       | -        | _             |
| <u> </u>    | 18       | 11              |          |          |          |          | Н               |            |          |          | -        | 68       | <del>                                     </del> | $\dashv$ |          | $\dashv$ | +      | +        | T            | $\vdash$  |          | 十              | 118      | $\dashv$       | -        | -        |          | -        |          | $\dashv$       | $\dashv$ | _             |
| -           | 19       | ╂╼╾╂            |          |          | -        |          |                 |            | $\dashv$ | $\dashv$ |          | 69       | -  | $\dashv$ | _        | +        | +      | +        | +            |           | -        | $\dashv$       | 119      | -+             | 一十       |          |          |          |          | $\dashv$       | $\neg$   |               |
|             | 20       | ╁╌┤             | $\dashv$ | -        | -        | $\vdash$ | Н               |            | -        | $\dashv$ |          | 70       |  | $\dashv$ | $\dashv$ | +        | ╫      | +-       | ┼~           |           |          |                | 120      | -+             | $\dashv$ | _        | +        | 一        | Н        | $\dashv$       | $\dashv$ | Г             |
|             | 21       | ╁─┤             | -        | -        | -        | $\vdash$ | Н               |            |          | $\dashv$ |          | 71       | +  | $\dashv$ | +        | +        | +      | +        | +            |           |          | -              | 121      | -+             | $\dashv$ | $\dashv$ | $\dashv$ |          | $\vdash$ | 十              | ᅥ        |               |
|             | 22       | ┝╼┥             | $\dashv$ |          |          | $\vdash$ | Н               |            | -        | -        | <u> </u> | 72       | ╆═╅  | $\dashv$ | $\dashv$ | +        | +      | +        | $\vdash$     |           | -        | 十              | 122      | -+             |          | $\dashv$ | -        | $\dashv$ | $\vdash$ | $\dashv$       | $\dashv$ |               |
|             | 23       | ┨               | -        | $\dashv$ | _        | Н        |                 |            |          | _        |          | 73       | $\vdash$   | _        |          | +        | +      |          |              | -         | $\vdash$ | $\dashv$       | 123      | $\dashv$       | $\dashv$ | -        | $\dashv$ |          |          | -              |          |               |
|             | 24       | $\vdash$        | _        | -        | -        | -        | Н               |            | _        |          |          | 74       | $\vdash$   | $\dashv$ | $\dashv$ | +        |        |          |              |           |          | $\dashv$       | 124      | +              | $\dashv$ | $\dashv$ | _        |          | Н        | -              |          |               |
| <u> </u>    | 25       | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\vdash$ |                 |            |          |          |          | 75       | $\vdash$   | ╁        |          |          | +      |          | +            |           |          | $\dashv$       | 125      | $\dashv$       | $\dashv$ | _        | $\dashv$ |          | $\vdash$ |                | -        | _             |
|             | 26       | ┼┼              |          |          | -        |          | Н               |            |          |          | -        | 76       | ╁─┼  | -        |          | +        | +      | +        | +            |           |          | $\dashv$       | 126      | -+             | -        |          |          |          |          | $\dashv$       | $\dashv$ | _             |
|             | 27       | $\vdash$        |          | 1        |          | Н        | H               |            |          | -        |          | 77       | +-+  | $\dashv$ | $\dashv$ | +        | +      | +        | $\vdash$     |           | _        | -+             | 127      | +              | -+       | $\dashv$ |          | -        | -        | $\dashv$       | $\dashv$ | _             |
|             | 28       | $\vdash$        | $\dashv$ | $\dashv$ |          | $\vdash$ |                 |            |          |          |          | 78       | $\vdash$   | $\dashv$ | $\dashv$ | +        | +      |          | $\vdash$     | _         | -        | ᆉ              | 128      | $\dashv$       | $\dashv$ | 一        | $\dashv$ | _        | $\vdash$ | $\dashv$       | ᆉ        | _             |
|             | 29       | ╫               |          |          |          | Н        | Н               |            |          | $\dashv$ |          | 79       | +  | $\dashv$ |          | +        | +      | +        | <del> </del> |           | -        | $\dashv$       | 129      | ╅              | +        | $\dashv$ |          |          |          | -              | -        |               |
|             | 30       | $\vdash$        | _        | -        |          | H        | H               |            |          | -        |          | 80       | $\vdash$   | $\dashv$ | -        | +        | +      | +        | $\vdash$     | H         | -        | $\dashv$       | 130      | $\dashv$       | -+       |          |          | _        |          | -              | -        |               |
|             | 31       | ┨               | _        |          |          |          | Н               | _          |          | $\dashv$ |          | 81       | +  | $\dashv$ | $\dashv$ | +        | +      | +        | t            |           |          | ᅱ              | 131      | -+             | +        | $\dashv$ |          | $\dashv$ | $\vdash$ | $\dashv$       | $\dashv$ |               |
|             | 32       | ╁┈┼             | -        |          |          |          | Н               |            | $\dashv$ |          |          | 82       | +  | ╅        | +        |          | 十      | _        | $\vdash$     |           |          | $\dashv$       | 132      | $\dashv$       | $\dashv$ | _        | +        |          | $\Box$   | 十              | $\dashv$ | _             |
| -           | 33       | $\vdash$        | -        |          | _        | Н        |                 |            | 1        |          | -        | 83       | H  | $\dashv$ | $\dashv$ | +        | +      | _        | T            |           |          | $\dashv$       | 133      | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |          |          | $\dashv$       | $\dashv$ | _             |
|             | 34       | $\vdash$        | $\dashv$ | $\dashv$ | _        | $\vdash$ | $\vdash$        |            |          | $\dashv$ |          | 84       | † †  | $\dashv$ | $\top$   | +        | +      | +        |              | $\Box$    |          | +              | 134      | $\neg +$       | $\dashv$ | _        | -        | $\neg$   | $\sqcap$ | $\dashv$       | 一        | Γ             |
|             | 35       | -               | $\dashv$ | _        | $\neg$   | $\vdash$ | $\vdash$        |            |          |          |          | 85       | $\Box$   | $\dashv$ | +        | $\dashv$ | +      |          | $\vdash$     |           | -        | $\dashv$       | 135      | $\neg +$       | $\dashv$ | $\dashv$ | _        | $\neg$   | $\Box$   | 十              | $\dashv$ |               |
|             | 36       | H               |          | 1        | $\dashv$ | Н        | $\vdash$        |            |          |          |          | 86       | 1-1  | $\dashv$ | $\top$   | $\top$   | +      | $\top$   |              |           |          | 7              | 136      | $\dashv$       | -+       |          |          |          | $\neg$   | 十              | $\neg$   | _             |
|             | 37       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\Box$   | Н               |            |          | $\dashv$ |          | 87       | <del>  </del>                                    | $\dashv$ | +        | +        | +      | +        | $\vdash$     |           |          | 寸              | 137      | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ |          |          | -              | $\neg$   |               |
|             | 38       | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\vdash$ | $\vdash$        |            |          | $\neg$   |          | 88       | 1 +  | _        | $\dashv$ | $\dashv$ | +      | +        |              | H         | -        | +              | 138      | _              | +        | $\dashv$ |          |          |          | $\dashv$       | $\dashv$ |               |
|             | 39       | $\vdash \vdash$ |          |          | _        | -        |                 |            |          | $\dashv$ |          | 89       |  | $\dashv$ | $\top$   | +        | $\top$ | +        | T            | Н         |          | 7              | 139      | _              | $\dashv$ | $\dashv$ | -        | $\neg$   | $\sqcap$ | $\dashv$       | $\dashv$ | $\overline{}$ |
| -           | 40       | $\dagger$       | _        | $\dashv$ |          | Н        | $\vdash$        |            |          | $\dashv$ |          | 90       | +  | $\dashv$ | +        | +        | +      | +        | 1            | $\square$ |          | -              | 140      | +              | $\dashv$ | $\dashv$ |          |          |          | $\dashv$       | $\dashv$ | $\overline{}$ |
|             | 41       | H               | $\dashv$ | _        | -        | Н        | $\vdash$        | _          |          | $\neg$   |          | 91       | 1-1  | 一        | 十        | _        |        | 1        | $\top$       | $\square$ |          | $\dashv$       | 141      | $\dashv$       | $\dashv$ | _        | $\neg$   |          | П        | $\neg \dagger$ | -        |               |
| <b>—</b> —  | 42       | $\vdash$        | ㅜ        | _        |          |          |                 |            |          | $\neg$   |          | 92       | <del>                                     </del> | $\dashv$ | 十        | +        | $\top$ | +        | $\top$       |           | $\vdash$ | $\dashv$       | 142      | 十              | 7        | $\dashv$ | $\dashv$ |          |          | _              |          | _             |
|             | 43       | H               | _        | 1        |          |          | H               |            |          | $\dashv$ |          | 93       |  | $\dashv$ | $\top$   | 十        | $\top$ | $\top$   | 1            | Н         | -        | 7              | 143      | $\dashv$       | 1        | _        | -        | _        | $\sqcap$ | 寸              | $\dashv$ | Γ             |
|             | 44       | $\vdash$        | $\dashv$ | _        |          | Н        | Н               |            |          | $\dashv$ |          | 94       | $\vdash$   | $\dashv$ | $\top$   | +        | +      | +-       | $\vdash$     | $\vdash$  | $\vdash$ | 7              | 144      | $\neg \dagger$ | 7        | -        |          | _        |          | $\dashv$       |          |               |
|             | 45       | $\vdash$        | 一        | 1        |          |          | Н               |            |          | $\dashv$ | $\vdash$ | 95       | <del>   </del>                                   | $\dashv$ | $\top$   | +        | +      | +        | $\vdash$     | $\vdash$  |          | $\dashv$       | 145      | _              | +        |          |          | $\neg$   |          | -              | -        |               |
| <b> </b>    | 46       | -               | -+       |          |          | $\vdash$ | Н               | _          |          | $\dashv$ | _        | 96       | † †  | -        |          | +        | +      | +        | †            | H         |          | 7              | 146      | $\dashv$       | +        | $\dashv$ | _        | _        | $\vdash$ | $\dashv$       | $\dashv$ | Г             |
| -           | 47       |                 | -        | $\dashv$ | _        | Н        | Н               |            |          | $\dashv$ |          | 97       | † †  | $\dashv$ | +        | +        | +      | +        | †            | H         | -        | 7              | 147      | $\dashv$       | $\dashv$ | -        | -        |          |          | $\dashv$       | $\dashv$ | Г             |
| -           | 48       | ╁═╁             | -        | -        |          | Н        | $\vdash \vdash$ | _          | $\Box$   | $\dashv$ |          | 98       | 1 1  | $\dashv$ | +        | +        | +      | +-       | $\vdash$     | Н         |          | $\dashv$       | 148      | _              | +        |          | $\dashv$ |          |          | -              |          |               |
|             | 49       | Н               | _        | -        |          |          | Н               | -          |          | $\dashv$ | -        | 99       | +  | 十        | $\dashv$ | $\dashv$ | +      |          | T            | $\vdash$  |          | -              | 149      | $\dashv$       | $\dashv$ |          |          |          | $\vdash$ | $\dashv$       | $\dashv$ | $\vdash$      |
|             | 50       | $\vdash$        | $\dashv$ | -        | -        | Н        | $\vdash$        | _          | $\vdash$ | $\dashv$ | -        | 100      | 1-   | 十        | -        | +        | +      | $\dashv$ | $\vdash$     | $\vdash$  | $\vdash$ | -              | 150      | $\dashv$       | $\dashv$ |          |          |          | $\vdash$ | $\dashv$       | $\dashv$ | H             |
|             | 1        |                 |          |          |          |          |                 |            | <u> </u> |          |          | 1.00     |  |          | 1_       |          | i_     |          |              |           |          | _              |          |                | _        |          |          |          |          |                |          |               |